Table 1 Suppl. Informativity power results for 12 items of the SF-12 questionnaire.

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| No. of item | Abbreviated item content | Scale | *H'* | *J'* |
| 1 | Is your health: excellent, very good, good, fair, or poor | General Health (GH) | 1.92 | 0.83 |
| 2A | Moderate activities, such as moving a table, pushing a vacuum cleaner, bowling, or playing golf | Physical Functioning (PF) | 1.15 | 0.73 |
| 2B | Climbing several flights of stairs | 1.25 | 0.79 |
| 3A | Accomplished less than you would like | Role-Physical (RP) | 2.00 | 0.86 |
| 3B | Limited in kind of work or other activities | 1.98 | 0.85 |
| 4A | Accomplished less than you would like | Role-Emotional (RE) | 1.77 | 0.76 |
| 4B | Did work or other activities less carefully than usual | 1.77 | 0.76 |
| 5 | Extent pain interfered with normal work | Bodily Pain (BP) | 2.03 | 0.87 |
| 6A | Felt calm and peaceful | Mental Health (MH) | 1.87 | 0.81 |
| 6C | Felt downhearted and depressed | 1.95 | 0.84 |
| 6B | Have a lot of energy | Vitality (VT) | 1.99 | 0.86 |
| 7 | Frequency that health problems interfered with social activities | Social Functioning (SF) | 1.86 | 0.80 |

*H’*, the Shannon index; *J’*, the Shannon Evenness index;